

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	4846509
<b>Application Number:</b>	10551350
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	3238
<b>Title of Invention:</b>	Modified polynucleotides for use in rna interference
<b>First Named Inventor/Applicant Name:</b>	Devin Leake
<b>Customer Number:</b>	22913
<b>Filer:</b>	John C. Stringham/Tyler Eller
<b>Filer Authorized By:</b>	John C. Stringham
<b>Attorney Docket Number:</b>	16542.16.1a.3
<b>Receipt Date:</b>	24-FEB-2009
<b>Filing Date:</b>	19-OCT-2006
<b>Time Stamp:</b>	13:57:32
<b>Application Type:</b>	U.S. National Stage under 35 USC 371

### Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	\$180
RAM confirmation Number	9263
Deposit Account	233178
Authorized User	STRINGHAM,JOHN C.

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. 1.492 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed (5B/08)	IDS_Filed_23Feb09.pdf	1472915	no	32
			90968/c2a25f0c21c52b244f6dc3c88080c7a2		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	Foreign Reference	ForRef_EP_1559785.pdf	1337990	no	104
			18c7211541ce5b4d489418260485cc7343d67d24		
Warnings:					
Information:					
3	Foreign Reference	ForRef_WO_05-097992.pdf	8234802	no	184
			69193b4346eaf935a9725521ebbd6d3011d81		
Warnings:					
Information:					
4	Foreign Reference	ForRef_WO_05-078094.pdf	6302048	no	137
			9c5e679038dcdf1bb0b06c4d19758c1b92ce080d		
Warnings:					
Information:					
5	Foreign Reference	ForRef_WO_04-078946.pdf	1965987	no	35
			c6434d96eaf68f5ca7b7ad1877156349f0134		
Warnings:					
Information:					
6	Foreign Reference	ForRef_WO_04-045543.PDF	9785906	no	199
			34bb8b635a3608c34b1ae9180c5c91677c9d346		
Warnings:					
Information:					
7	Foreign Reference	ForRef_WO_04-011624.pdf	8913416	no	174
			7272bd14d6e91ac65c6d62f923107552ca1fe79d6		
Warnings:					
Information:					

8	Foreign Reference	ForRef_WO_01-20015.pdf	2170252 bd2579738a9d8867ab7c3bc653cc93e00150	no	43
Warnings:					
Information:					
9	Foreign Reference	ForRef_WO_00-12454.pdf	1714590 7b48d910467a0bae1364c357b03024cc43807	no	60
Warnings:					
Information:					
10	Foreign Reference	ForRef_WO_97-42819.pdf	1290082 ca84c090140942155a6c75091b238b39357e3a2	no	40
Warnings:					
Information:					
11	Foreign Reference	ForRef_WO_06-071410.pdf	7153072 ee67d4f4d45de403cc3c8f89ba7e513f92607d	no	149
Warnings:					
Information:					
12	Foreign Reference	ForRef_WO_06-058046.pdf	3872900 2a1888bf28f5ee4de6a8f050943c3266ef7638f5	no	83
Warnings:					
Information:					
13	Foreign Reference	ForRef_WO_06-058048.pdf	3866013 6e9c3d4ed274f6e0d5150db0f53c26ef70716b957	no	80
Warnings:					
Information:					
14	Foreign Reference	ForRef_WO_06-060246.pdf	5019944 f94787c085aac5844083bc15d863b59b075a734ac	no	108
Warnings:					
Information:					
15	Foreign Reference	ForRef_WO_04-009847.pdf	1769126 1dbcf16e063bd3e5c8f04011b580365aee29f5	no	45
Warnings:					
Information:					
16	Foreign Reference	ForRef_WO_02-094185.PDF	7831384 4c7958f72c2389322169d881c1335ef17389e1e	no	220
Warnings:					
Information:					

17	Foreign Reference	ForRef_EP_1389637.PDF	2151079 9a88e1dd11ba53d6b236cc043336ab919788b	no	46
Warnings:					
Information:					
18	Foreign Reference	ForRef_WO_93-04204.PDF	2630909 91010d7dbcd4c76c179413d637b08ce99c5ce08ba	no	80
Warnings:					
Information:					
19	Foreign Reference	ForRef_WO_94-21825.PDF	3568349 68ce08423321d1d55cc0728b1378ecd1a83f23aae	no	107
Warnings:					
Information:					
20	Foreign Reference	ForRef_WO_94-26887.PDF	1819869 e04512d4e5639afafaa7ca52854b788dc7f2aa0	no	49
Warnings:					
Information:					
21	Foreign Reference	ForRef_WO_03-070193.PDF	9437908 e2543d6f0e1e4d0152ee5e631fb9065cbb70e9a	no	170
Warnings:					
Information:					
22	Foreign Reference	ForRef_WO_03-070918.PDF	9566314 9411bdb4ec0251e3796240ed551b1e53aed55687	no	204
Warnings:					
Information:					
23	Foreign Reference	ForRef_WO_03_074654_1 of2. pdf	20135276 b02d8be497ba17f6da79212eb46d956d607a051	no	301
Warnings:					
Information:					
24	Foreign Reference	ForRef_WO_03_074654_2 of2. pdf	20977924 f7a0fc228c88b0f5620073771e94a02dd0bf0a02	no	292
Warnings:					
Information:					
25	Foreign Reference	ForRef_WO_05-019453.PDF	22335158 4e74992d3ce7d3d4f1b1b08e7761532ee0f3204a0	no	473
Warnings:					
Information:					

26	Foreign Reference	ForRef_WO_03_072705A2.pdf	7104095 89e65d5d01579c2d673b49509425775f311b	no	144
<b>Warnings:</b>					
<b>Information:</b>					
27	Foreign Reference	ForRef_WO_03_072705A3.pdf	125682 cb709c11b3cd952a2bce48996c6d28ef17d61454a1	no	3
<b>Warnings:</b>					
<b>Information:</b>					
28	Foreign Reference	ForRef_WO_04_015107A2.pdf	4608212 5efca92913dc122f6244c12b63818f8f6d2c905	no	151
<b>Warnings:</b>					
<b>Information:</b>					
29	Foreign Reference	ForRef_WO_04_015107A3.pdf	305689 0cc0b1c2b6de79071608c7c4154e700c7561f648	no	8
<b>Warnings:</b>					
<b>Information:</b>					
30	Foreign Reference	ForRef_WO_02_44321.pdf	3366495 ecf10c000239dc6608b25a964e617004e48b1	no	89
<b>Warnings:</b>					
<b>Information:</b>					
31	Foreign Reference	ForRef_WO_04_080406.pdf	22915000 215cd2e188b9db5c6767bb05c6db642d2e03d	no	378
<b>Warnings:</b>					
<b>Information:</b>					
32	Foreign Reference	ForRef_WO_04_091515.pdf	24502683 5ec708d27d61ac40671896482a321187ee0a90a2	no	384
<b>Warnings:</b>					
<b>Information:</b>					
33	Foreign Reference	ForRef_WO_04_109290.pdf	5834132 3888f64ac766dab9bc38164f13b482b452f6449	no	118
<b>Warnings:</b>					
<b>Information:</b>					
34	Foreign Reference	ForRef_WO_99-32619.pdf	2586217 ed747ae5458f2240b84dc0ef9d26819130993	no	54
<b>Warnings:</b>					
<b>Information:</b>					

35	Foreign Reference	ForRef_WO_01-75164.pdf	3695215 42b5d8040d536c01a0311d3ef03e78515d70	no	70
Warnings:					
Information:					
36	Foreign Reference	ForRef_EP_1114623.pdf	242914 92c116c3050606b045caf58b4492c8fced0d79	no	20
Warnings:					
Information:					
37	Foreign Reference	ForRef_WO_03-064626.pdf	4232973 27d0cfa7aeeb277dc7a390aee59485fbc17386	no	86
Warnings:					
Information:					
38	NPL Documents	NPL_Atlas_Venture_Dharmaco_n_Akceli_Announce.pdf	112463 af0ce75c39034d752bd9b08c34a1f26603d85	no	2
Warnings:					
Information:					
39	Foreign Reference	ForRef_WO_94_01550.pdf	1555365 d8d6dcf8bb18c2ab27137462ef8c378977bbdc2	no	50
Warnings:					
Information:					
40	NPL Documents	NPL_Contributions_dsRNA_Structure_Dicer.pdf	856316 85468bf91131228492c19b749cda9728c5276d3a	no	9
Warnings:					
Information:					
41	NPL Documents	NPL_High_Throughput_siRNA_Delivery_In_Vitro.pdf	706139 7b7abaf3e35c06a6a135a2292415996c045ba	no	12
Warnings:					
Information:					
42	NPL Documents	NPL_Biotech_Firm_Akceli_Wins_First_Patent.pdf	57277 3c9f6ce02890173cda394abab011dc8201102	no	1
Warnings:					
Information:					
43	NPL Documents	NPL_Functional_Differences_Between_Human_LINE.pdf	1193137 2a36d4bf6b6c0f41d115a638c27377ec4122b044	no	13
Warnings:					
Information:					

44	NPL Documents	NPL_Press_Release_Dharmac n_Launches_siArrayRTF.pdf	52305 151a1881d81003c4d832ed8c413933a0f e4848	no	1
Warnings:					
Information:					
45	NPL Documents	NPL_RNA_Interference.pdf	1546413 8d7f36a030762a8b02554db4b4512d28 53b4	no	8
Warnings:					
Information:					
46	NPL Documents	NPL_Dicer_Functions_RNA_Int erference_Synthesis.pdf	655315 052b1b6c2147d13099d41bce98eac18672d 55bc5	no	6
Warnings:					
Information:					
47	NPL Documents	NPL_Resource_Large_Scale_RN A_Interference_Based.pdf	669436 ec7c12136dfb20170b6de04c751a750c30 92a1a	no	5
Warnings:					
Information:					
48	NPL Documents	NPL_MicroRNA_Small_RNAs_W ith_Big_Role.pdf	1509440 bc2d988d9ac528bac301cc0a1012569800 891a8	no	11
Warnings:					
Information:					
49	NPL Documents	NPL_Unlocking_Potential_Hu man_Genome_with_RNAi.pdf	1445373 99332d15bc3f981998bc7af400587abce99eb 426d2	no	9
Warnings:					
Information:					
50	NPL Documents	NPL_Post- Transcriptional_Gene_Silencin g_Double.pdf	1023341 d059b6d476357c27b135abc46ebaf671a8f b667d	no	10
Warnings:					
Information:					
51	NPL Documents	NPL_Growth_Control_Mammal ian_Cells.pdf	264886 e48a14b0775154ec6722ac8f9c3dc02b1 794ee	no	4
Warnings:					
Information:					
52	NPL Documents	NPL_RNAi_Ever- Growing_Puzzle.pdf	690163 29e4a23e0b7a6787b166701ca293a76475c 6e401	no	6
Warnings:					
Information:					

53	NPL Documents	NPL_RNAi_Promising_Approach_Antiviral_Therapy.pdf	799781 14d7a0678bd43d1576f85a2092e68c0d604	no	4
<b>Warnings:</b>					
<b>Information:</b>					
54	NPL Documents	NPL_Transfection_Cell_Database.pdf	121468 d8e4557e5da1d027b27f212420402988b0a	no	3
<b>Warnings:</b>					
<b>Information:</b>					
55	NPL Documents	NPL_HiPerformance_Algorithm_Designs_Highly.pdf	259334 a09985d4e0c50027b1489b5981510f6500048	no	4
<b>Warnings:</b>					
<b>Information:</b>					
56	NPL Documents	NPL_Microarrays_Cells_Expressing_Defined_cDNAs.pdf	505023 97cd26601577b277ca16d880db6e155a8deca	no	4
<b>Warnings:</b>					
<b>Information:</b>					
57	NPL Documents	NPL_Reverse_Transfection_Homepage.pdf	996451 b50905aaf8bae4baf4c76ea0f5c28e985c4b86	no	17
<b>Warnings:</b>					
<b>Information:</b>					
58	NPL Documents	NPL_Product_Insert_siRNA_siRNA_Libraries.pdf	553219 1285cd30076b6e11e15ebc114c7714b19fad86	no	9
<b>Warnings:</b>					
<b>Information:</b>					
59	NPL Documents	NPL_Introducing_siRNA_Array_Plates.pdf	96310 b99c79c2bd6d726d49824b9c699a28c67ac31	no	2
<b>Warnings:</b>					
<b>Information:</b>					
60	NPL Documents	NPL_Introducing_siRNA_Array_Plates_Presentation.pdf	142066 3a0b7f6a322bd4728c2e28e01ca664dc07779b	no	6
<b>Warnings:</b>					
<b>Information:</b>					
61	Fee Worksheet (PTO-06)	fee-info.pdf	30022 463ec1299c41a31785f8b5c67aa341fcd492	no	2
<b>Warnings:</b>					
<b>Information:</b>					



This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.